

# M 6.0, 225 km SW of La Cruz de Loreto, Mexico

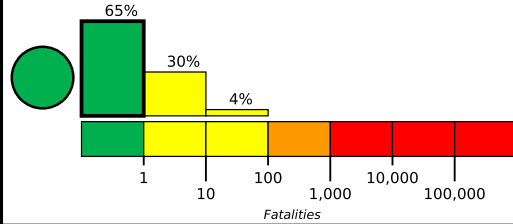
Origin Time: 2021-12-22 23:22:57 UTC (Wed 16:22:57 local)

Location: 18.8322° N 107.2070° W Depth: 10.0 km

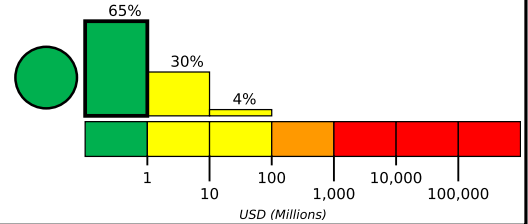
Created: 2 hours, 4 minutes after earthquake

## Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



## Estimated Economic Losses

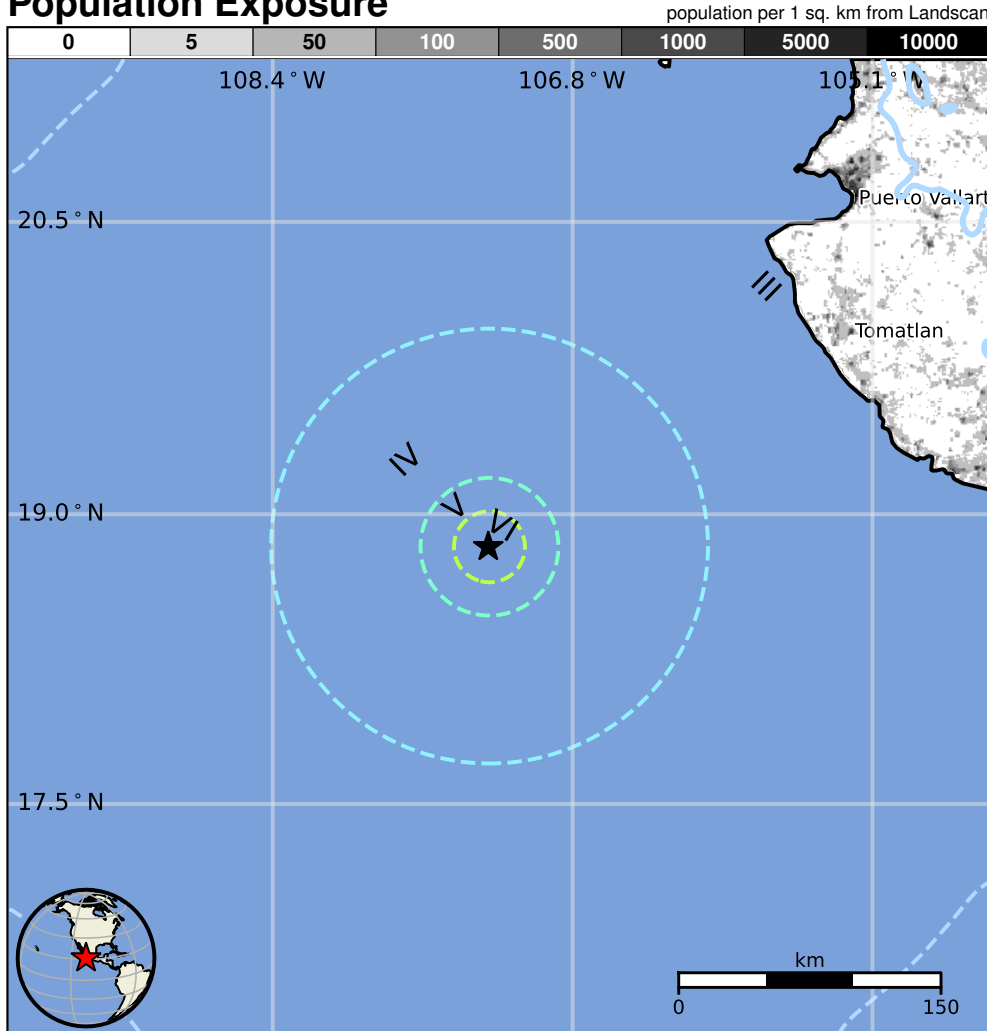


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	788k*	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and adobe block with concrete bond beam construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2003-01-22	331	7.5	VII(300k)	29
1995-10-12	336	5.9	VII(129k)	0
1995-10-09	316	8.0	VIII(89k)	49

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Jose Maria Pino Suarez (Nuevo Nahuapa)	3k
III	Jaluco	3k
III	Las Jarretaderas	6k
III	<b>Tomatlan</b>	<b>8k</b>
III	San Clemente de Lima	1k
III	El Tuito	4k
III	Cihuatlan	17k
III	<b>Puerto Vallarta</b>	<b>187k</b>
III	Ixtapa	19k
III	El Salto	23k
III	Compostela	16k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000gepm#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000gepm